

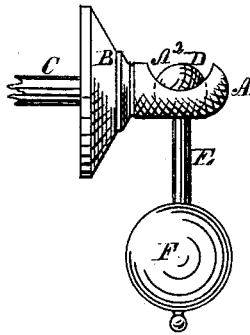
L. MULLER.

DRAW-PULL.

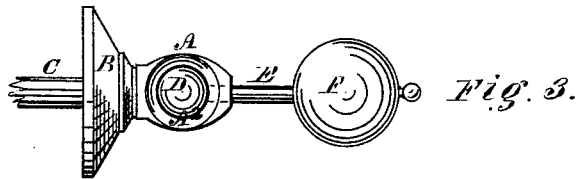
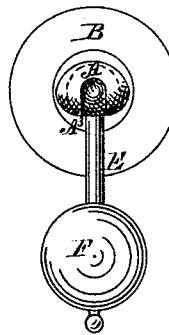
No. 188,751.

Patented March 27, 1877.

*Fig. 1.*



*Fig. 2.*



Witnesses.

Wilmot Boston  
John J. Peters,

Inventor.

Louis Muller  
by Theo. G. Ellis  
attorney

# UNITED STATES PATENT OFFICE.

LOUIS MULLER, OF HARTFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF HIS  
RIGHT TO LOUIS MULLER, JR., OF SAME PLACE.

## IMPROVEMENT IN DRAWER-PULLS.

Specification forming part of Letters Patent No. **188,751**, dated March 27, 1877; application filed  
February 26, 1877.

*To all whom it may concern:*

Be it known that I, LOUIS MULLER, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Drawer-Pulls; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

My improvement relates to drawer pulls or handles that are intended to hang down when not in use, but admit of being turned out to a horizontal line when it is desired to pull out the drawer.

My invention has for its object a more simple and effective joint than has heretofore been in use; and it consists in the peculiar and novel construction of the several parts, as will be hereinafter more fully described and definitely claimed.

In the accompanying drawing, Figure 1 shows a side view of my improved drawer-pull. Fig. 2 shows a front view of the same. Fig. 3 shows a top view with the handle extended, instead of hanging down, as in the two preceding figures.

A is the socket for holding the hanging handle. It is provided with the plate or washer B and the bolt C, for attaching it to the front of the drawer in the usual manner. The socket A is provided upon its upper side with a recess, A<sup>2</sup>, in which fits the ball D of the hanging handle, and on its under and front side it is furnished with a longitudinal opening or slot, A<sup>3</sup>, for the purpose of allowing the forward and upward movement of the shank E of the handle, so as to allow it to be

brought to a horizontal position, as shown in Fig. 3 of the drawing. The shank E is attached to the ball D, or is made in one piece with it, and at its lower or outer end carries the handle F, which may be of any ornamental form desired. The opening in the socket A is of such a form that the shank E can be passed through it and allow the ball D to come into its proper position before the part F is attached. It is then secured in its place upon the shank E by means of a screw at the bottom, or in any other convenient manner, which holds all the parts together, and prevents the withdrawal of the shank through the opening in the socket.

When attached to a drawer the handle hangs in the position shown in Figs. 1 and 2, when not in use. When it is desired to pull out the drawer the handle is raised to the position shown in Fig. 3. This brings the shank E up until it rests against the upper end of the slot in the front of the socket A, which causes the ball D to bear down firmly in its seat and give great strength and rigidity to the handle.

The ball D in the drawing is shown of a spherical shape, but it may be made spheroidal or cylindrical, if desired, although I prefer the spherical form for strength and simplicity, and on account of its being more easily manufactured.

What I claim as my invention is—

The socket A, with the recess A<sup>2</sup> and slot A<sup>3</sup>, in combination with the ball D, the shank E, and the handle F, operating substantially as herein shown and described.

LOUIS MULLER.

Witnesses:

THEO. G. ELLIS,  
WILMOT HORTON.